



NORTH AMERICA
EAST COAST
MASSACHUSETTS.

NEW BEDFORD HARBOUR

FROM THE UNITED STATES' COAST SURVEY
1850.

Fairhaven dark Spire $41^{\circ} 38' 6'' N$. $70^{\circ} 54' 31'' W$.
H.W.F & C. VIIth 57^{ft} Springs rise 4 $\frac{1}{4}$ Neaps 4 feet.
Fixed Light. B.Black P.S. Perpendicular Stripes R.Red W.White
bl blue hd. hard gr. grey m. mud r. rock s. sand sh. shells of soft

Variation in 1862. (increasing 4' annually)

Cables 10 6 0 SeaMile
Natural Scale 40,000.
SOUNDINGS IN FEET.

SAILING DIRECTIONS.

Round Hill Channel Running in front the Southward and Westwards, having brought Misham Point to bear W by S , bring White Rock & ship's length open to the Eastward of Dumpling Light, and steer to the Northward keeping the Rock more open as you advance, so as to pass a quarter of a mile to the Eastward of the Light. When Dumpling Light bear W by N steer $N.E$ by N 2 miles until Clark's Pt. Light is in range with Palmer's L Light, then steer for the Beacon on Egg I. flats N by E nearly 2 miles, until Palmer's L Light is in range with the tall chimney of the Wamsutta factory (N by W $\frac{1}{2}$ W). Steer for them, and you will pass Butler's Flat in the best water. When up with the Southern end of Palmer's L steer for the ends of the Fairhaven wharves until you are halfway between them, and Palmer's L then steer for the most Northern Spire in New Bedford, and anchor near the town. The Wamsutta factory is a large stone building with a very tall chimney on its Eastern side, it is in the Northern part of the town, and may be seen over Fairhaven bridge.

(Channel between North and Great Ledges. Run in through this channel keeping Palmer's L Light a handspike's length open to the Eastward of Clark's Point Light, and you will pass clear of all dangers in the best water. When a mile and a quarter from Clark's Pt. Light, steer for the Beacon on Egg I. flats, until Palmer's Light and the chimney of Wamsutta factory are in range, when you will be near Butler's Flat, and may pass up to New Bedford as in the directions for Round Hill channel.)

For the Eastern Channel. Bring the tall white Beacon on Fort Pt. in range with the very high dark Spire in Fairhaven, and steer for them (N by W) until near Butler's Flat. Having brought Palmer's L Light and the Wamsutta chimney in range, run up to the town as in the directions for the other channels.

Bearings are Magnetic.

* Rock marsh at low water + Sunk rock
□ ledge of rocks projecting irregularly above the bottom

